

ABSTRACT OF THE DISCLOSURE

A piezoelectric vibrator unit comprises: at least one piezoelectric vibrator including: common internal electrode layers and segment internal electrode layers arranged alternately; 5 piezoelectric layers, each interposed between adjacent pair of the common and segment internal electrode layers; and external electrodes formed on an exterior of the piezoelectric vibrator and electrically connected respectively to the common internal electrode layers and the segment internal electrode layers; and 10 a fixing member to which a surface of the piezoelectric vibrator is fixed. The piezoelectric vibrator is displaceable in a direction perpendicular to a lamination direction in which the internal electrode layers and piezoelectric layers are laminated. The magnitude of electric fields applied to the piezoelectric 15 layers is non-uniform.

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